

LOW TEMPERATURE ALKALI METAL ELECTROLYSISABSTRACT

- A low temperature electrolysis process that can be used for producing an alkali metal from an alkali metal halide is provided, which
- 5 comprises electrolyzing an electrolyte composition comprising at least one alkali metal halide and a co-electrolyte comprising (a) a halide or halides of Group IIIA, Group IB, or Group VIII metals and (b) a halide-donating compound.

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